

WHAT IS CLAIMED IS:

5           1.    A protective cover for an engine filter comprising;  
              a cover upper portion;  
              at least one cover sidewall connected to the cover  
upper portion, wherein the cover upper portion and the at  
least one cover sidewall form an enclosure, such that an inner  
perimeter of the enclosure has a size and a shape  
10       corresponding to a size and a shape of an outer perimeter of  
the engine filter; and  
              means for releasibly connecting the cover sidewall  
to the engine filter.

15           2.    The protective cover as recited in claim 1 wherein  
the means for releasibly connecting comprises a clamp that is  
disposed around an outside surface of the at least one cover  
sidewall.

20           3.    The protective cover as recited in claim 1 wherein  
the means for releasibly connecting comprises a clamp that is  
disposed concentrically within an inside surface of the at  
least one cover sidewall, and that is connected to the at  
least one cover sidewall.

25           4.    An assembly comprising:  
              a protective cover comprising;  
              a cover upper portion;  
              at least one cover sidewall attached to the  
30       cover upper portion, wherein the cover upper portion and the  
at least one cover sidewall form an enclosure;  
              means for releasibly connecting the cover  
sidewall to the engine filter; and  
              an engine filter having an outer perimeter, wherein  
35       an inner perimeter of the enclosure has a size and a shape

similar to a size and a shape of the outer perimeter of the engine filter.

5           5.    The assembly as recited in claim 4 wherein the means for releasibly connecting comprises a clamp that is disposed around an outside surface of the at least one cover sidewall.

10          6.    The assembly as recited in claim 4 wherein the means for releasibly connecting comprises a clamp that is disposed concentrically within an inside surface of the at least one cover sidewall, and that is connected to the at least one cover sidewall

15          7.    A protective assembly for filters for internal combustion engines comprising:

20           a domed enclosure of a first predetermined height and width, an engine filter of a second predetermined height and width adapted to be secured to an internal combustion engine for receipt of fluids to be filtered from the engine, and

          an adjustable clamp mounted on the enclosure for securing and releasing the enclosure from the filter;

25           wherein the first height and width of the enclosure is selected to receive and enclose the filter of the second height and width in a vibration resistant condition.

30          8.    A protective assembly according to claim 7 wherein the clamp is a band having a tightening mechanism extending around the exterior of the enclosure.

35          9.    A protective assembly according to claim 7 wherein the clamp is a band having a tightening mechanism extending around and secured to the interior of the enclosure.

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10. A protective assembly according to claim 7 wherein  
the clamp is integrally formed in the enclosure and has two  
5 end tabs joined by a bolt and screw combination for securing  
the clamp to the filter.

11. A protective assembly according to claim 7 wherein  
the clamp is mounted interiorly of the enclosure and wherein a  
10 slot is formed in the lower end of the enclosure, the ends of  
the clamp extending out of the slot and being connected  
together with an adjustable linkage.

12. An assembly according to claim 11 wherein the  
15 adjustable linkage is a bolt and nut combination for  
tightening and loosening the clamp relative to a filter  
located within the enclosure.

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